

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An apparatus for programming recording of broadcast programs, comprising:

a recording device for recording onto a predetermined medium broadcast programs included in input signals; and

a processing recording programming device programmed to execute a process of: for

 setting the recording start time and the recording end time of a given broadcast program, to program the given broadcast program as a recording-scheduled program;

 a program information acquisition device for

 acquiring electronic program-guide information;

 an extension keyword search device for

 searching the electronic program-guide information that relates to one or more broadcast programs, which are to be broadcast on the same channel and the same date as and prior to the given broadcast program, for a predetermined extension keyword indicating a program extension or delay; and

 a delay device for

 delaying the recording end time of the given broadcast program in response to detection, as a result of the search by for the extension keyword search device, of a broadcast program in which the extension keyword has been found, wherein

prior to the search for the extension keyword is set an incremental extension time period by which the recording end time is to be delayed for each broadcast program detected as a result of the search, and

wherein, in response to the detection of a broadcast program in which the extension keyword has been found, the ~~delay device~~ processing device adds to the recording end time, which is set for the given broadcast program, a value obtained by multiplying by the extension time period the number of broadcast programs in which an extension keyword has been found.

2. (Currently Amended) A recording programming apparatus as recited in claim 1, wherein the apparatus sets further comprising an extension time period setting device for setting the

extension time period based on user input, for obtaining a recording end time to be delayed by the delay device.

3. (Cancelled)

4. (Previously Presented) A recording programming apparatus as recited in claim 1, wherein the extension keyword is a phrase having at least a predetermined number of consecutive characters.

5. (Currently Amended) An A recording programming apparatus for programming recording of broadcast programs, comprising: as recited in claim 1,

— a recording device for recording onto a predetermined medium broadcast programs included in input signals;

— a recording programming device for setting the recording start time and the recording end time of a given broadcast program, to program the given broadcast program as a recording scheduled program;

— a program information acquisition device for acquiring electronic program guide information;

— an extension keyword search device for searching the electronic program guide information that relates to one or more broadcast programs, which are to be broadcast on the same channel and the same date as and prior to the given broadcast program, for a predetermined extension keyword indicating a program extension or delay; and

— a delay device for delaying the recording end time of the given broadcast program in response to detection, as a result of the search by the extension keyword search device, of a broadcast program in which the extension keyword has been found;

— wherein prior to the search for the extension keyword is set an incremental extension time period by which the recording end time is to be delayed for each broadcast program detected as a result of the search; and

— wherein the extension keyword is a combination of two or more predetermined non-consecutive phrases, and the spacing between phrases forming the combination falls within a predetermined predefined number of characters.

6. (Currently Amended) An apparatus for programming recording of broadcast programs, comprising:

a recording device for recording onto a predetermined medium broadcast programs included in input signals; and

a processing recording programming device programmed to execute a process of: for
 setting the recording start time and the recording end time of a given broadcast
program, the given broadcast program being a first broadcast program, to program the given
broadcast program as a recording-scheduled program;

 a program information acquisition device for

 acquiring electronic program-guide information;

 an extension keyword search device for

 searching the electronic program-guide information that relates to one or more
broadcast programs, which are to be broadcast on the same channel and the same date as and
prior to the given broadcast program, for a predetermined extension keyword indicating a
program extension or delay; and

 a delay device for

 delaying the recording end time of the given broadcast program in response to
detection, as a result of the search by for the extension keyword-search device, of a broadcast
program in which the extension keyword has been found, the broadcast program in which the
extension keyword has been found being a second broadcast program,

wherein prior to the search for the extension keyword is set an incremental extension time period by which the recording end time is to be delayed for each broadcast program detected as a result of the search, and

wherein the electronic program guide information that relates to the second broadcast program is searched for a predetermined non-extension keyword indicating no extension/delay of the second broadcast program, and the broadcast program in which the non-extension keyword has been found is excluded from the search for the extension keyword.

7. (Currently Amended) A recording programming apparatus comprising:

a recording device for recording onto a predetermined medium broadcast programs included in input signals; and

a processing recording programming device programmed to execute a process of: for
setting the recording start time and the recording end time of a first broadcast
program, to program the first broadcast program as a recording-scheduled program;
a program information acquisition device for
acquiring electronic program-guide information;
an extension keyword search device for
searching the electronic program-guide information that relates to one or more
broadcast programs, which are to be broadcast on the same channel and the same date as and
prior to the first broadcast program, for a predetermined extension keyword indicating a program
extension or delay; and

a delay device for
delaying the recording end time of the first broadcast program in response to
detection, as a result of the search by for the extension keyword-search device, of a second
broadcast program in which the extension keyword has been found,

wherein the processing device is further programmed to: extension keyword device
performs

perform a search on the electronic program-guide that relates to the second
broadcast program, for a genre to which the second broadcast program belongs, and

in response to detecting a genre which does not coincide with one of
predetermined genres, then the extension keyword search device excludes exclude a broadcast
program in which the detected genre has been found from the search for the extension keyword.

8. (Previously Presented) A recording programming method of setting the recording start time and the end time, and programming of recording a given broadcast program, comprising:

utilizing a processor to perform the following:

acquire electronic program guide information;

search electronic program guide information that relates to one or more broadcast programs, which are to be broadcast on the same channel and the same date as and prior to the given broadcast program to be programmed, for a predetermined extension keyword indicating a broadcast program extension or delay; and

delay a previously-set recording end time of the given broadcast program in response to detection, as a result of the search for the extension keyword, of a broadcast program in which the extension keyword has been found,

wherein prior to the search for the extension keyword is set an incremental extension time period by which the recording end time is to be delayed for each broadcast program detected as a result of the search, and

wherein, in response to the detection of a broadcast program in which the extension keyword has been found, the recording end time is delayed by:

computing a total extension time period obtained by multiplying by the extension time period the number of the broadcast programs in which the extension keyword has been found, and

delaying the given broadcast program's previously-set recording end time by the total extension time period.

9. (Previously Presented) A recording programming method as recited in claim 8, further comprising utilizing the processor to set the extension time period.

10. (Cancelled)

11. (Previously Presented) A recording programming method as recited in claim 8, wherein the extension keyword includes a phrase having at least a predetermined number of consecutive alphabetic characters.

12. (Currently Amended) A recording programming method of setting the recording start time and the end time, and programming a recording of a given broadcast program, comprising: as recited in claim 8.

utilizing a processor to perform the following:

- acquire electronic program guide information;
- search electronic program guide information that relates to one or more broadcast programs, which are to be broadcast on the same channel and the same date as and prior to the given broadcast program to be programmed, for a predetermined extension keyword indicating a broadcast program extension or delay; and
- delay a previously-set recording end time of the given broadcast program in response to detection, as a result of the search for the extension keyword, of a broadcast program in which the extension keyword has been found;
- wherein prior to the search for the extension keyword is set an incremental extension time period by which the recording end time is to be delayed for each broadcast program detected as a result of the search, and
- wherein the extension keyword is a combination of two or more non-consecutive phrases, and the spacing between phrases forming the combination falls within a predetermined predefined number of alphabetic characters.

13. (Previously Presented) A recording programming method of setting the recording start time and the end time, and programming a recording of a given broadcast program, comprising:

utilizing a processor to perform the following:

- acquire electronic program guide information;
- search electronic program guide information that relates to one or more broadcast programs, which are to be broadcast on the same channel and the same date as and prior to the given broadcast program to be programmed, for a predetermined extension keyword indicating a broadcast program extension or delay; and

- delay a previously-set recording end time of the given broadcast program in response to detection, as a result of the search for the extension keyword, of a broadcast program in which the extension keyword has been found,

- wherein prior to the search for the extension keyword is set an incremental extension time period by which the recording end time is to be delayed for each broadcast program detected as a result of the search, and

wherein the electronic program guide information that relates to the one or more broadcast programs is searched for the predetermined non-extension keyword indicating that the second broadcast program is not extended or delayed, and a program in which the non-extension keyword has been found is excluded from the search for the extension keyword.

14. (Previously Presented) A recording programming method of setting the recording start time and the end time, and programming of recording a first broadcast program, comprising:

utilizing a processor to perform the following:

acquire electronic program guide information;

search electronic program guide information that relates to one or more broadcast programs, which are to be broadcast on the same channel and the same date as and prior to the first broadcast program to be programmed, for a predetermined extension keyword indicating a broadcast program extension or delay; and

delay a previously-set recording end time of the first broadcast program in response to detection, as a result of search in the step of searching for the extension keyword, of a second broadcast program in which the extension keyword has been found,

wherein the electronic program guide information that relates to the one or more broadcast programs is found for the genre to which the second broadcast program belongs, and in response to detection of a genre which does not coincide with one of predetermined genres, then a broadcast program in which the detected genre has been found is excluded from the search for the extension keyword.